RECEIVED CENTRAL FAX CENTER

FEB 1 3 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4115-150-CIP-DIV In re United States Patent Application of: Docket No.: Applicants: BRYANT, et al. Conf. No.: 7909 Application No.: 10/645,451 Art Unit: 1632 Date Filed: August 21, 2003 Examiner: Marcia Stephens Noble Title: **HIV AND CD4 TRANSGENIC** ANIMALS AND USES THEREFOR Customer No.: 23448

FACSIMILE TRANSMISSION CERTIFICATE ATTN: Examiner Marcia Stephens Noble Fax No. (571) 273-8300

I hereby certify that this document, along with any enclosures identified herein, is being filed in the United States Patent and Trademark Office, via facsimile transmission addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and transmitted on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

 12	
Number of Pages	
/mv	
Steven J. Hultquist	W455-4
 February 13, 2007	
Date	

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION MAILED DECEMBER 13, 2006 IN U.S. PATENT APPLICATION NO. 10/645,451

9199337179

Feb 13 07 09:18p

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

In response to the Office Action mailed December 13, 2006, please enter this Amendment and Response into the file of the above-identified application.

Amendments to the claims are set out beginning on page 3 hereof.

Reconsideration of the application in view of the amendments to the specification and claims, and the ensuing remarks beginning on page 7 hereof, is respectfully requested.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK